

(12) UK Patent Application (19) GB (11) 2 337 113 (13) A

(43) Date of Printing by UK Office 10.11.1999

(21) Application No 9920550.2

(22) Date of Filing 27.02.1998

(30) Priority Data

(31) 60039419 (32) 28.02.1997 (33) US

(86) International Application Data

PCT/US98/04377 En 27.02.1998

(87) International Publication Data

WO98/38510 En 03.09.1998

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(51) INT CL⁶

G01N 33/487

(52) UK CL (Edition Q)

G1A AA4 APG ARF AR7 AT21

G1B BC8

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(58) Field of Search by ISA

INT CL⁶ C12Q , G01N

(54) Abstract Title

Laboratory in a disk

(57) An apparatus is described that includes an optical disk, adapted to be read by an optical reader, comprising a first sector having substantially self-contained assay means for localizing an analyte suspected of being in a sample to at least one, predetermined location in the first sector and a second sector containing control means for conducting the assay and analyte location information, with respect to one or more analytes suspected of being in a sample, accessible to the reader, wherein the presence or absence of the analyte at said location is determinable by the reader using the control means and the location information. Depending on the nature of the assay, the disk will include fluid storage means, fluid transfer means, such as one or more capillary ducts, valves, batteries, dialyzers, columns, filters, sources of electric fields, wires or other electrical conductive means such as metallic surface deposits and the like.

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